

Date: Tue, 16 Feb 93 09:37:46 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #219
To: Info-Hams

Info-Hams Digest Tue, 16 Feb 93 Volume 93 : Issue 219

Today's Topics:

800 & crossband rpt mods for the DJ-560? Please help.

Bulletins

Converter circuit ban is unenforcable (2 msgs)

Grace DSP-12 vs. AEA DSP-1232 ? Opinions?

kits - subject to type acceptance, or not?

mail address

NMO-Mount 10-meter ant.?

Odd digital mode heard on 40 meters

OPDX Bulletin #099 - 15 February 1993

Real Hams Pass British Exams?

What does dit-dit mean?

What does dit-dit mean? I don't know but it is useful.

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>

Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 16 Feb 93 15:20:39 GMT
From: dziuxsolim.rutgers.edu!clam.rutgers.edu!steuer@uunet.uu.net
Subject: 800 & crossband rpt mods for the DJ-560? Please help.
To: info-hams@ucsd.edu

I am posting this for a friend who has a DJ-560 from Alinco. He says
there are mods which enable the radio to RX 800MHz and do Cross-Band
repeat, but I can't find the mods for him anywhere. BTW, he already
has the mod for out of band Transmit. If you have the mods for 800 or
the crossband repeat, please e-mail them to me. Thank You!

Robert Steuer	Internet: steuer@clam.rutgers.edu	
Rutgers University	Amateur Radio: KF2EK@N3FOA.#EPA.PA.USA.NA	
VHF Repeater System	Cherry Hill, NJ - KF2EK Repeater 145.370MHz	

Date: Tue, 16 Feb 93 15:52:50 GMT
From: usc!howland.reston.ans.net!wupost!gumby!destroyer!cs.ubc.ca!unixg.ubc.ca!
kakwa.ucs.ualberta.ca!alberta!adec23!mark@network.UCSD.EDU
Subject: Bulletins
To: info-hams@ucsd.edu

harp@bnr.ca (Alan Harp) writes:

>If another news group has only AMATEUR bulletins I would read that first.

Well, talk to your administrator and ask him to make a local group called
rec.radio.amateur.bulletins or something like that. Make sure he doesn't
allow the group to go off his machine. Then, ask him to send only articles
cross posted to rec.radio.amateur.misc AND rec.radio.info to this group.

The article should have it's Newsgroups: and Message-ID: lines rewritten
by a simple awk or sed script, and ensure he has set up a Distribution: local
line as well. Simple for an administrator, maybe 4 minutes of his time and
voila' you have your amateur radio related bulletin only group. (Well, not yet,
still a couple of bulletins that need to be cross posted rather than separately
posted ...)

If you administrator has troubles with this, have him send me some mail
and I will see if I can help him do it.

Now Alan, what is *your* problem?

Ciao, 73 de VE6MGS/Mark -sk-

Date: Tue, 16 Feb 1993 15:59:06 GMT
From: pacbell.com!att-out!cbnewsd!cbnewsc!k9jma@network.UCSD.EDU
Subject: Converter circuit ban is unenforcable
To: info-hams@ucsd.edu

In article <1loasjINNjrv@usenet.INS.CWRU.Edu> ce393@cleveland.Freenet.Edu (David
C. Moisan) writes:

>
> sources of receiver components deleted
>

>This is PRECISELY the point I brought up with my congressman when this
>came up a year ago, albeit in less technical terms. Pick any fleamarket
>or yardsale and I can have something to hear cellular with.

Keep in mind the goal. The goal is not to prevent people from listening to
cellphones. The gov't wants to have a means to punish people (who do
things) they don't like. The cellphone folk want to make an
advertising
point.

The goal is not to make all electronic devices unavailable. The point
is
to make possession of _any_ of them evidence of a crime so the gov't
can
control people who use them: "Your Honor, this diode _could_ be used
to
manufacture an illegal converter!" That's why the law is full of weasel
words open to many broad interpretations - "easily modified"
will mean
whatever they need for it to mean in any given case.

That way, when the
gov't decides that someone is doing something they don't like it is simple
to prosecute -- because everybody is guilty.

Even so, the goodies will still be manufactured and distributed
because the
gov't and media snoopswill want them. What _we_ need
is a provision that
allows manufacturers of (non type accepted, otherwise illegal to sell)
equipment to sell to licensed amateurs as well as to gov't, media
and
whoever else is permitted to buy. We should probably also ask
for
provisions in the rules for personally constructed gear in ham stations
like the present exemptions for homebrew 10 Meter amplifiers.

But if the media snoops find out that _you_ listen to the same
stuff they
do, or the war on drugs folks find out you hear what they say, then maybe
its time to raid _you_ and carry off all that evidence of illegal activity
- cash, computers, telephones, and diodes, and... So don't do it or they'll
make you wish you'd never heard of radio - and get the idea that hams can't
behave themselves and shouldn't be allowed to have radios.

--

Ed Schaefer K9JMA

Date: Tue, 16 Feb 93 16:37:38 GMT

From: pacbell.com!att-out!walter!porthos!dancer!whs70@network.UCSD.EDU

Subject: Converter circuit ban is unenforcable

To: info-hams@ucsd.edu

In article <1993Feb16.155906.9387@cbnewsc.cb.att.com> k9jma@cbnewsc.cb.att.com (edwin.m.schaefer) writes:

>In article <1loasjINNjrv@usenet.INS.CWRU.Edu> ce393@cleveland.Freenet.Edu (David C. Moisan) writes:

>>

>> sources of receiver components deleted

>>

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>cellphones. The gov't wants to have a means to punish people (who do
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>point.

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>to make possession of any of them evidence of a crime so the gov't
can

>control people who use them: "Your Honor, this diode could be used to
>manufacture an illegal converter!"

The new law does NOT make possession (by an individual) in any way
a crime. The new law is only directed at the future design, manufacture
and importation of scanners. (That doesn't mean I like it)

> That's why the law is full of weasel

>words open to many broad interpretations - "easily modified"
will mean

>whatever they need for it to mean in any given case.

That way, when the

>gov't decides that someone is doing something they don't like it is simple
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>whoever else is permitted to buy. We should probably also ask
for

>provisions in the rules for personally constructed gear in ham stations
>like the present exemptions for homebrew 10 Meter amplifiers.

Nothing in the new scanner ban prohibits individuals from constructing their own scanner equipment. So, if you've got the ability to do so, go right ahead. Electronic experimenters have been making their own electrical projects for years. Type acceptance is strictly a function of commercially available equipment.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

Date: 16 Feb 93 16:15:07 GMT
From: idacrd!growler!n4hy@uunet.uu.net
Subject: Grace DSP-12 vs. AEA DSP-1232 ? Opinions?
To: info-hams@ucsd.edu

Re: Grace DSP-12 vs. AEA DSP-1232 ? Opinions?

You have clearly missed the point. Maybe I can explain. When you are in packet, you <DO> have a default modem. It is set by the command

Q(mode) (i.e. QTOR chooses the default AMTOR modem and STORES it in battery backed RAM).

The reason for many modems for (say) RTTY, is that there are MANY different splits, speeds, tone pairs, etc. ALL of which need to be in the box to meet the customer demands. When you baudot you might want 800 Hz shift, high tone pair, at 45.45 baud or you might want 170 Hz shift, low tone pair, at 60 baud. Clearly you must be able to change the modem on user demand.

Please direct questions to their technical service line if you have further questions.

Bob

--

Robert W. McGwier | Bob's interests include amateur radio,
Institute for Defense Analyses | astronomy, and golf (10 handicap fanatic)
Center for Communications Research | Asst. Scoutmaster BSA Troop 5700
Princeton, N.J. 08520 | n4hy@ccr-p.ida.org (internet)

Date: Tue, 16 Feb 1993 16:12:55 GMT
From: news.acns.nwu.edu!casbah.acns.nwu.edu!lapin@network.UCSD.EDU
Subject: kits - subject to type acceptance, or not?
To: info-hams@ucsd.edu

In article <1993Feb12.185518.17617@sbcs.sunysb.edu> rick@cs.sunysb.edu (Richard Spanbauer) writes:

>Does anyone know offhand whether kits (amateur radio or otherwise) need
>to be tested for conformance to FCC emissions standards?

>

> Rick Spanbauer, SUNY/Stony Brook

No they don't. If they did, Ramsey would be out of business! :-)

Greg Lapin KD9AZ

Date: 16 Feb 93 16:06:01 GMT
From: idacrd!growler!n4hy@uunet.uu.net
Subject: mail address
To: info-hams@ucsd.edu

My new address is contained in my .signature. We are finally on the internet.
Until our name gets on all the servers, our internet address is

[198.3.6.1]

Bob

--

Robert W. McGwier | Bob's interests include amateur radio,
Institute for Defense Analyses | astronomy, and golf (10 handicap fanatic)
Center for Communications Research | Asst. Scoutmaster BSA Troop 5700
Princeton, N.J. 08520 | n4hy@ccr-p.ida.org (internet)

Date: 16 Feb 93 08:14:11 EST
From: usc!elroy.jpl.nasa.gov!swrinde!sdd.hp.com!saimiri.primite.wisc.edu!caen!
uwm.edu!linac!pacific.mps.ohio-state.edu!ohstpy!miavx1!miavx3.mid.muohio.edu!
clmorgan@network.UCSD.EDU
Subject: NMO-Mount 10-meter ant.?
To: info-hams@ucsd.edu

In article <1993Feb15.143512.5217@mercury.cair.du.edu>, awinterb@diana.cair.du.edu (Art Winterbauer) writes:

> I have a permanently mounted NMO-type antenna for a couple of
> Larsen 2-meter antennas. Is there an NMO-type mount 10-meter
> antenna? Or is it time to punch another hole in the
> ol' Toyota? :-)
>
>
> --
> Art Winterbauer N00QS
> Internet: awinterb@du.edu OR awinterb@diana.cair.du.edu
> Packet: n0oqs @ w0gvt.#neco.co.usa
>

Antenna Specialists, to name one, markets an adapter that will convert from the NMO mount to their line of ASP base-loaded antennae. Then select an antenna (I think it the ASP-268 series) covering the 28MHz band, and you're in business.

The antenna will handle 200W continuous carrier ... the bandwidth, however, will be less than you might like. Perhaps in the range of 300KHz. Remember, these antennae are designed for single-frequency applications ... not "boxes" with VFOs (anybody remember what a VFO is?) and 1700KHz to play in.

Hope that helps.

73 >< Carl
K8NHE

-

Date: Mon, 15 Feb 93 21:54:51 GMT
From: sdd.hp.com!ncr-sd!ncrcae!ncrhub2!torynews!kevin@network.UCSD.EDU
Subject: Odd digital mode heard on 40 meters
To: info-hams@ucsd.edu

This past Saturday morning at around 1000Z I heard a very strange signal at 7.080. It sounded like regular bursts of data at about 2 second intervals, with periodic "long" bursts lasting 15 or more seconds. Periodically there would be something sent at a much slower baud rate, sounding sort of like a machine gun (some sync signal perhaps?). Anyway, the guy was IDing every 10 minutes in CW. I believe his call was W5XR or something like that (I wrote it down but can't remember now). Anybody else hear this, and/or know what it is?

--

Kevin Sanders, KN6FQ

NCR Torrey Pines

kevin.sanders@torreypinesca.ncr.com (619) 597-3602
kevin%beacons@cyber.net

Date: Tue, 16 Feb 1993 05:44:54 MST
From: usc!howland.reston.ans.net!wupost!gumby!destroyer!cs.ubc.ca!unixg.ubc.ca!
kakwa.ucs.ualberta.ca!alberta!adec23!ve6mgs!usenet@network.UCSD.EDU
Subject: OPDX Bulletin #099 - 15 February 1993
To: info-hams@ucsd.edu

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 099
February 15, 1992
Editor Tedd Mirgliotta, KB8NW
Provided by BARF-80 BBS Cleveland, Ohio
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, DL1HBT & DXNL, DF4RD, ARRL, DXAC, FK8CP, KP4BJD, K4CEF & Southeastern Cluster Group, OM3EA, KC1WY, K2WR, NT2X, KN4F and ON1AIG & ESDX for the following DX information.

3Y, BOUVET ISLAND. An interesting message on the public BBSs from UZ9OWD details some of the plans for a trip to Bouvet by a noted Russian explorer named Fedor Konyukhov. Apparently, he is presently in Taiwan outfitting a ship bought specifically for this expedition. He plans stops at Easter Island and Bouvet, and apparently an operation from Bouvet that will last for two weeks. He is soliciting interested ops to accompany him and says the price will be about \$3000 plus some help with radio gear (not a bad price for a trip to two exotic spots). He says he has license in hand signed by Anne-Lise Gaardso on January 5th. No schedule is given for the trip, but it was mentioned before in some VK2SG RTTY DX notes that it might be in April or May. Callsign is to be 3Y/R0L. Reportedly, R0L/MM is active everyday on 14275 around 0800Z. The operator that was mentioned apparently has good credentials as a traveler and has been to the North Pole three times, including one trip he made alone. He has also made an around the world trip alone, and a trip alone which he made to "the highest mountain in the world", presumably Mt. Everest. QSL cards will go to I1HYW. More info as we hear it. This information from UZ9OWD via KB8DB.

D2ACA CONFLICT AND DISPUTE. Letters were sent to several individuals, the DXCC, OPDX and other DX bulletins defending the legitimacy of the D2ACA QSLs. It seems two of the three operators are defending their operations and QSLing while the other is claiming that the QSLs being sent by the other two are no good. The two operators that have sent out

the letter also state that donations and IRC/dollars from envelopes were taken, but no QSL cards were sent out. The operators from the D2ACA operation were UT3UY, UT4UM and RT5UY. (ed. This editor chooses not to mention who is doing the finger pointing, but felt this issue should be reported.)

FK, NEW CALEDONIA. The DXpedition to the Chesterfield Islands had to be postponed due to a large cyclone. The group of operators that will be signing FK8C now expect to be active late February 13 or Sunday morning February 14. Their length of stay is unknown at this time, due to the cyclone. At the present, they estimate about 2 to 3 days of activity.

HR, HONDURAS. Art (NN7A) will be active from Guanaja Island (NA-057), which is part of the Bahia Island group, from February 14 to 17. He will sign HR6/NN7A. This will be CW only. QSL via NN7A.

JD1, MINAMI TORISHIMA. The ESDX (European Satellite DX-Fund) bulletin reports that Kuruja (JD1/JG1RMB) is active from here and this is a new country on the satellites. Kuruja will be there until March 10th. Best times to look for him are on the even days (6th, 8th, 10th... etc) between 1500 to 1600z and 2100 to 2300z. QSL via JM1XCW.

JX, JAN MAYEN. T.J. (JX3EX) has been active on the 14256 DX Net and also operating alone on 14204 kHz. Check these two frequencies around 2130 to 2330z or between 1400 to 1600z. QSL via LA6NM.

QSL MANAGER CHANGE. The St. Petersburg Club station RU1A (formerly UX1A) has changed their QSL Manager to KC1WY, Nathaniel Trumbull, 17 Church St., Woods Hole, MA 02543. UX1A placed first in the world in the 1992 IARU HF World Championship.

ROMEO (3W3RR/AH0M) AND P5RS7 UPDATE. Romeo made a surprise visit to the Yankee Clipper Contest Club (YCCC) meeting in Sturbridge, MA, February 8th. It was reported that he had the P5RS7 logs with him, but no cards. The cards are still being printed in Japan and the announced QSL information remains the same (via JA1HGY).

Ed (NT2X) announced that on Monday, February 8th, the documentation for the P5RS7 operation was submitted to the league for approval. It was also mentioned by Ed, "DON'T expect any decisions to made before March 31st.

T32, CHRISTMAS ISLAND. The group from the AH1A DXpedition left Howland Island on February 9. All finally made it safely aboard the ship after a very rough departure from Howland. They expect to be operational as T32AJ sometime this weekend.

TI9, COCOS ISLANDS. By the time you read this TI9JJP should be active. Activity by the three operators should last until February 24th.

V3, BELIZE. Both Art (NN7A) and Mike (NG7S) will be active February 22 to 24, signing V31JZ, from Southwater Cay in the Belize Caribbean Sea Coast South Group. They will be active in the ARRL CW DX Contest, but using the callsign V31RL. QSL V31JZ to NN7A, Art Phillips, Box 201, Flagstaff, AZ 86002 and V31RL to NG7S, Mike Sharp, Box 7, Flagstaff, AZ 86002.

XT, BURKINA FASO. Peter (XT2BW) sometimes can be found on 20 meters operating RTTY around 2030 to 2130z. QSL via WB2YQH.

YK1BC, SYRIA. ESDX reports a short satellite DXpedition will take place February 20th and 21st, by Bruce (WA6JCD). His callsign will be YK1BC. QSL via CBA.

ZL7, CHATHAM ISLANDS. The ARRL DX bulletin mentions that ZL7AA will be active beginning March 1st for 10 days. QSL via ZL2AR.

CORRECTION! Harry (OM3EA) informed OPDX the ZIP code was missing in the address that was given for the SARA QSL Bureau (in OPDX.096). The complete address is: SARA QSL Bureau, Post Box 1, 85299 Bratislava 5, Slovakia.

FAX YOUR DX INFORMATION NOW! This is just in the testing stage, but faxing will be available Monday/Wednesday/Friday from 0430 to 2030z only. The number is 216-237-2816 and operates only Class 2 Fax. Use only the dates and times specified because this is not a dedicated line.

KEEP THOSE BALLOTS COMING! Ballots for the Second Annual OPDX/NODXA DX Survey can be found in OPDX.088. Ballots can be sent to the following packet and online addresses listed below.

Excerpts and distribution of The OPDX Bulletin are granted as long as OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to: aq474@cleveland.freenet.edu or send BitNet Mail to: aq474@cleveland.freenet@cunyvms or send PRODIGY Mail to: DFJH48A or send a message via packet to KB8NW @ WA8BXN.OH.USA.NA

--

Jim Reisert	Internet: reisert@mast.enet.dec.com
Digital Equipment Corp.	UUCP: ...decwrl!mast.enet.dec.com!reisert
146 Main Street - ML03-6/C9	Voice: 508-493-5747
Maynard, MA 01754	FAX: 508-493-0395

Date: Tue, 16 Feb 1993 15:03:06 GMT
From: usc!cs.utexas.edu!oakhill!news@network.UCSD.EDU

Subject: Real Hams Pass British Exams?
To: info-hams@ucsd.edu

In article <1993Feb16.093506.26123@EE.Surrey.Ac.UK>
M.Willis@ee.surrey.ac.uk (Mike Willis) writes:
> You definately do not need to be British to hold a British licence. In
the old days
> foreign reciprocals were given G5 calls though this has changed. I have a
number of
> freinds who are definately not British yet hold a G callsign.
>
> Mike

I understand this is true for reciprocal licenses, i.e. where one already
holds a license from another country, but can a foreigner who is not
licensed in another country take the British exams for a British license?
Seems to me that when I lived in Scotland in 1981-1983 a foreigner could
not get a British license except as a reciprocal. At least that's the way
I understood it from reading one of the RSGB manuals.

Just curious....

Mark AA7TA

Date: 16 Feb 93 09:54:04 EST
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
Subject: What does dit-dit mean?
To: info-hams@ucsd.edu

In article <1lmbn9INNqkh@tamsun.tamu.edu>, blw7149@tamsun.tamu.edu (Brandon
Lee White) wrote:
> I've found numerous refernces in books as well as here on the net about the
> use of a simple dit-dit at the end of a qso. The references have been in the
> context of contests as well as simple ragchews. But nowhere have I been able
> to find why people do this. The closest was a reference to DX stations doing
> it in place of sending QRZ?. The way I learned it, the QSO is over when the
> stations send SK. I've even heard stations sending SK, then the other sends
> SK, then they both send dit-dit. Why send a final final?

Brandon-

I can't say "why", but I can tell you what the significance is!

Are you familiar with the ending of a musical composition (1940's?), that
has the rhythm of "shave and a haircut, six bits"? That rhythm in code,
would be:

DIT DIT DIT DIT DIT DIT DIT

Back when I was a teenage Novice on CW, it was considered "neat" for the last person saying 73, to sign off, give his SK, and send the first part:

DIT DIT DIT DIT DIT

and, for the other person to respond with one last:

DIT DIT

In later years, when I got on 2 meter FM, I found a few people who would end their QSO's with only the "DIT DIT" using their microphone button, with the same response from the other person. I've always assumed it was just a vestige of the "shave and a haircut, six bits" from CW.

73, Fred, K4DII

fred-mckenzie@ksc.nasa.gov

Date: Tue, 16 Feb 1993 15:52:48 GMT
From: news.acns.nwu.edu!casbah.acns.nwu.edu!rdewan@network.UCSD.EDU
Subject: What does dit-dit mean? I don't know but it is useful.
To: info-hams@ucsd.edu

I have found the terminal didits to be quite useful.

Many times, I can only hear the DX side of the QSO and so the didit from the DX station means (generally) that it's clear for me to call it.

On other occasions when one stations signs and the other comes back with a long transmission while signing off, the didit from the first signed station signifies that all was received (the op was still around.) This is like 'r' in the middle of a qso or like an ACK in communication protocols.

Rajiv
aa9ch
Address: r-dewan@nwu.edu
Phone: None. Only CW.

Date: Tue, 16 Feb 1993 16:10:24 GMT
From: news.acns.nwu.edu!casbah.acns.nwu.edu!lapin@network.UCSD.EDU

To: info-hams@ucsd.edu

References <1993Feb10.220728.8793@sunova.ssc.gov>, <quent.729468409@teal>, <ka93k+h@rpi.edu>1

Subject : Re: **WARNING** Cancer may cause ham radio!

In article <ka93k+h@rpi.edu> abelson@rpi.edu writes:

>|> greg_chartrand@qmail.ssc.gov (Greg Chartrand) writes:

>|>

>|>

>|> >CROSS-POST FROM SCIENCE.MEDICAL.DISEASES

>|> >-----

>|> >In the January 1993 issue of the "Maryland Medical Journal", Dr. William

>|> >B. Toat claimed that his recent study indicated a significant percentage

>|> >of persons who are genetically prone to develop cancer have chosen amateur

>|> >radio as a hobby.

>|> [stuff deleted]

>

>|> >Last month, Dr. Toat received a \$2,000,000 grant from the National

>|> >Institute of Health to continue his studies on potential disease induced

>|> >hobbies.

>

>Now wait a second. It seems to me that the first paragraph is in direct

>contrast to the second!

>

>The first says that persons who are 'genetically prone to develop cancer'

>have chosen ham radio. This (at least the way it is written) says that

>a genetic predisposition to the development of cancer CAUSES one to choose

>ham radio as a hobby. Yikes!

>

>The second part refers to a grant so that Toat can study the disease-inducing

>effects of certain hobbies.

>

>I don't understand, You can't have it both ways, which one is it?

It seems as though the original posting's sarcasm was lost on a lot of people on this net.

Wake up and enjoy a good laugh once in a while!

Greg Lapin, KD9AZ

End of Info-Hams Digest V93 #219
